

Datasheet for ABIN7563574
HMMR Protein (AA 1-794) (His tag)



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Overview

Quantity:	1 mg
Target:	HMMR
Protein Characteristics:	AA 1-794
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMMR protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Hmmr Protein expressed in mammalian cells.
Sequence:	MSFPKAPLKR FNDPSGCAPS PGAYDVKTSE ATKGPVSFQK SQRFKNQRES QQNLNIDKDT TLLASAKKAK KSVSKKDSQK NDKDVKRLEK EIRALLQERG TQDKRIQDME SELEKTEAKL NAAVREKTSL SASNASLEKR LTELTRANEL LKAKFSEDGH QKNMRALSLE LMKLRNKRET KMRSMMVKQE GMELKLQATQ KDLTESKGKI VQLEGKLVSI EKEKIDEKCE TEKLLEYIQE ISCASDQVEK CKVDIAQLEE DLKEKDREIL SLKQSLEENI TFSKQIEDLT VKCQLLETER DNLVSKDRER AETLSAEMQI LTERLALERQ EYEKLQQKEL QSQSLLQKEK ELSARLQQQL CSFQEEMTSE KNVFKEELKL ALAELDAVQQ KEEQSERLVK QLEEETKSTA EQLTRLDNLL REKEVELEKH IAAHAQAILI AQEKYNDTAQ SLRDVTAQLE SVQEKYNDTA QSLRDVTAQL ESEQEKYNDT AQSLRDVTAQ LESEQEKYND TAQSLRDVTA QLESVQEYKYN DTAQSLRDVT AQLESYKSST LKEIEDLKLE NLTLQEKVAM AEKSVEDVQQ QILTAESTNQ EYARMVQDLQ NRSTLKEEEI KEITSSFLEK ITDLKNQLRQ QDEDFRKQLE EKGKRTAEKE NVMTELTMEI NKRWLLYEEL YEKTKPFQQQ LDAFEAEKQA LLNEHGATQE QLNKIRDSYA QLLGHQNLKQ

Product Details

KIKHWVKLKD ENSQLKSEVS KLRSQLVKRK QNELRLQGEL DKALGIRHFD PSKAFCHASK
ENFTPLKEGN PNCC **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: HMMR

Alternative Name: Hmnr ([HMMR Products](#))

Background: Hyaluronan mediated motility receptor (Intracellular hyaluronic acid-binding protein) (Receptor for hyaluronan-mediated motility) (CD antigen CD168),FUNCTION: Receptor for hyaluronic acid (HA) (PubMed:1376732). Involved in cell motility (PubMed:1376732). When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including the PTK2/FAK1 occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity. May act as a regulator of adipogenesis (PubMed:22666460). {ECO:0000269|PubMed:1376732, ECO:0000269|PubMed:22666460}.

Target Details

Molecular Weight:	91.8 kDa
UniProt:	Q00547
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months